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**INFORMATION
DISCLOSURE STATEMENT**

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Attorney Docket	GANG-008
First Named Inventor	RAMACHANDRAN,
Application Number	10/715,348
Confirmation No.	2395
Filing Date	November 14, 2003
Group Art Unit	1645
Examiner Name	Not yet assigned
Title:	"INCAPACITED WHOLE-CELL IMMUNOGENIC BACTERIAL COMPOSITIONS PRODUCED BY RECOMBINANT EXPRESSION"

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. GANG-008 may be charged thereon.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date:

Jan 12, 2005

By:

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PTO/SB/21 (05-03)

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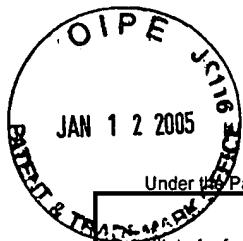
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/715,348
		Filing Date	November 14, 2003
		First Named Inventor	RAMACHANDRAN, JANAKIRAMAN
		Group Art Unit	1645
		Examiner Name	Not yet assigned
Total Number of Pages in This Submission	5	Attorney Docket Number	GANG-008
ENCLOSURES (check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement SB08a Form <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 21 References Postcard	Remarks
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Signing Attorney/Agent (Reg. No.)	CAROL L. FRANCIS, 36.513 BOZICEVIC, FIELD & FRANCIS, LLP		
Signature			
Date	January 12, 2005		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/715,348
		Filing Date	November 14, 2003
		First Named Inventor	RAMACHANDRAN, JANAKIRAMAN
		Art Unit	1645
Sheet 1 of 3	Examiner Name	Not yet assigned	
	Attorney Docket Number	GANG-008	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
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FOREIGN PATENT DOCUMENTS							
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

NON PATENT LITERATURE DOCUMENTS			
Exam iner Initial	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Amann et al. "Vectors bearing a hybrid <i>trp-lac</i> promoter useful for regulated expression of cloned genes in <i>Escherichia coli</i> ", (1983) <i>Gene</i> 25: 167-1782	
		Amann et al. "Tightly regulated <i>tac</i> promoter vectors useful for the expression of unfused and fused proteins in <i>Escherichia coli</i> ", (1988) <i>Gene</i> , 69, 301-315	
		Bloemberg et al. "Green fluorescent protein as a marker for <i>pseudomonas</i> spp", (1997), <i>Appl. Environ. Microbiol.</i> , 4443-45514	
		Chamberlin M. et al., "New RNA polymerase from <i>escherichia coli</i> infected with bacteriophage T7", (1970) <i>Nature (London)</i> , 228, 227	
		Chamberlin et al. "Characterization of T7-specific ribonucleic acid polymrase", (1973) <i>J. Biol. Chem.</i> , 248, 2235	
		Davanloo et al. "Cloning and expression of the gene for bacteriophage T7 RNA polymerase", (1984) <i>Proc. Natl. Acad. Sci</i> , 81, 2035-2039	

Examiner Signature		Date Considered	
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		Application Number	10/715,348		
		Filing Date	November 14, 2003		
		First Named Inventor	RAMACHANDRAN, JANAKIRAMAN		
		Art Unit	1645		
		Examiner Name	Not yet assigned		
Sheet	2	of	3	Attorney Docket Number	GANG-008

		Golomb et al. "Characterization of T7-specific ribonucleic acid polymerase", (1974) J. Biol. Chem., 249, 2858	
		Guzman et al. "Tight regulation modulation, and high-level expression by vectors containing the arabinose PBAD promoter", (1992) J. Bacteriol. 177, 4121-4130	
		Haldimann et al. "Use of new methods for construction of tightly regulated arabinose and rhamnose promoter fusions in studies of the <i>Escherichia coli</i> phosphate regulon", (1998) J. Bacteriol. 180, 1277-1286	
		Han et al. "Lipopolysaccharide (LPS) binding protein, truncated at Ile-197, binds LPS but does not transfer LPS to CD14", (1994) J. Biol. Chem., 269(11), 8172-8175	
		Hitchcock et al. "Lipopolysaccharide nomenclature-past, present, and future", (1986) J. Bacteriol., 166, 699-705	
		Ing-Nang Wang et al. "Holins: the protein clocks of bacteriophage infections", (2000) Annu. Rev. Microbiol., 54, 799-825	
		Luria et al. "Chromatin staining of bacteria during bacteriophage infection", (1950) J. Bacteriol., 59, 551-560	
		Martin et al. "Functional analysis of the two-gene lysis system of the Pneumococcal phage Cp-1 in homologous and heterologous host cells", (1998) J. Bacteriol., 180, 210-217	
		Murray et al. "cytological changes in <i>Escherichia coli</i> produced by infection with phage T2", (1950) J. Bacteriol., 59, 603-615	
		Schumann et al. "Structure and function of lipopolysaccharide binding protein", (1990) Science, 249, 1429	
		Sherry et al. "Cachectin/tumor necrosis factor exerts endocrine, paracrine, and autocrine control of inflammatory responses", (1988) J. Cell Biol., 107, 1269	

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		First Named Inventor	RAMACHANDRAN, JANAKIRAMAN		
		Art Unit	1645		
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Sheet	3	of	3	Attorney Docket Number	GANG-008

		Studier et al. "Use of bacteriophage T7 RNA polymerase to direct selective high-level expression of cloned genes", (1986) J. Mol. Biol., 189, 113-130	
		Studier et al. "Use of T7 RNA polymerase to direct expression of cloned genes", (1990) Methods in Enzymology, 185, 60-63	
		Young et al. "Bacteriophage lysis: mechanism and regulation", (1992) Microbiol. Rev., 56, 430-481	
		Young et al. "Phages will out: strategies of host cell lysis", (2000) Trends Microbiol., 8, 120-128	

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